

DEPARTMENT OF HEALTH SERVICES
COUNTY OF LOS ANGELES

(PARAMEDIC, MICN)
REFERENCE NO. 706

SUBJECT: **ALS EMS AIRCRAFT INVENTORY**

PURPOSE: To provide a standardized minimum inventory on all Advanced Life Support (ALS) Emergency Medical Services (EMS) aircraft.

PRINCIPLE: Any equipment or supplies carried for use in providing emergency medical care must be maintained in good working order.

POLICY:

- I. Each ALS EMS aircraft shall have on board equipment and supplies commensurate with the scope of practice of the medical flight crew. This requirement may be fulfilled through the utilization of appropriate kits (cases/packs) which can be carried aboard a given flight.
- II. ALS EMS aircraft shall have sufficient space to carry the following minimum medical equipment and supplies. Reasonable variations may occur; however, any exceptions must have prior approval of the EMS Agency.
- III. Controlled drugs shall be secured on the EMS aircraft in accordance with Ref. No. 702, Controlled Drugs Carried on ALS Units.
- IV. All sharps must comply with CCR, Title 8, Section 5193, Bloodborne Pathogens.


MEDICATIONS (minimum required amounts)			
Adenosine	18mgs	Fentanyl ^{1, 2}	500mcgs
Albuterol (pre-mixed w/ NS)	20mgs	Glucagon	1mg
Amiodarone	600mgs	Lidocaine 2% ³	200mgs
Aspirin (chewable 81mg)	648mgs	Midazolam ⁴	15mgs
Atropine sulfate (1mg/10mL)	3mgs	Morphine sulfate ⁵	20mgs
Calcium chloride	2gms	Naloxone	2mgs
Dextrose 10% / Water 250mL	2 bags	Normal saline (for injection)	3 vials
Dextrose solution (glucose paste may be substituted)	45gms	Nitroglycerin (SL) spray, tablets, or single dose powder packets	1 pump/ bottle/ or 36 packets
Diphenhydramine	100mgs	Ondansetron 4mg ODT	16mgs
Epinephrine (1mg/mL)	7mgs	Ondansetron 4mg IV	16mgs
Epinephrine (0.1mg/mL)	6mgs	Sodium bicarbonate	100mLs

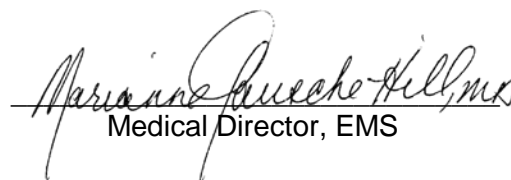
INTRAVENOUS FLUIDS (minimum required amounts)			
Normal saline 1000 mL	4 bags	Normal saline 250 or 500 mL	1 bag

EFFECTIVE DATE: 01-01-78
REVISED: 09-01-18
SUPERSEDES: 06-01-18

PAGE 1 OF 3

APPROVED:


Director, EMS Agency


Medical Director, EMS

SUPPLIES (minimum required amounts)			
Adhesive dressing (Band-Aids®)	1 box	Extrication device or short board	1
Airways – Nasopharyngeal		Flashlight or penlight	1
Large (34-36)	1	Gauze bandages	5
Medium (26-28)	1	Gauze sponges 4x4 (sterile)	12
Small (20-22)	1	Gloves, sterile	2 pair
Airways – Oropharyngeal		Gloves, unsterile	1 box
Large	1	Glucometer w/ strips	1
Medium	1	Hand-held nebulizer pack	2
Small Adult/Child	1	Intraosseous device ² Adult & Pediatric	1 each
Infant	1	Intravenous catheters Sizes 16G-22G	4 each
Neonate	1	Intravenous tubing	5
Alcohol prep pads	20	King LTS-D (Disposable Supraglottic Airway w/ 60mL syringe)	
Backboard	1	Small Adult (Size 3)	1
Bag-valve device w/ O ₂ inlet and reservoir Adult & Pediatric	1 each	Adult (Size 4)	1
Bag-valve mask		Large Adult (Size 5)	1
Large	1	Lancets (automatic retractable)	5
Medium	1	Laryngoscope handle Adult (compatible w/ pediatric blades)	1
Small Adult/Child	1	Laryngoscope blades	
Toddler	1	Adult: curved, & straight	1 each
Infant	1	Pediatric: Miller #1 & #2	1 each
Neonate	1	Magill forceps Adult & Pediatric	1 each
Burn pack or burn sheets	1	Mucosal Atomization Device (MAD)	2
Cervical collars (rigid) Adult (adjustable) & Pediatric	1 each	Needle, filtered-5micron ⁶	2
Cardiac Monitor-Defibrillator w/ oscilloscope	1	Noninvasive blood pressure monitor	1
Color Code Drug Doses LA County Kids Reference No. 1309	1	Normal saline for irrigation	1 bottle
Commercial Catheter-Over-Needle Chest Decompression Needles 3.0-3.5" 14G	2	OB pack & bulb syringe ⁷	1
Contaminated needle container	1	Oxygen cannulas Adult & Pediatric	2 each
Continuous Positive Airway Pressure (CPAP) device ²	1	Oxygen masks (non-rebreather) Adult & Pediatric	2 each
Defibrillator pads or paste (including pediatric)	2 each	Pediatric Length-Based Resuscitation Tape (Broselow 2011A or newer)	1
ECG electrodes Adult & Pediatric	8-10 multi-use	Personal Protective Equipment - mask, gown, & eye protection	1 each per provider
ECG, 12-lead	1	Pulse oximeter	1
Endotracheal tubes w/ stylets Sizes 6.0-8.0	2 each	Radio transmitter receiver (Hand-Held) ⁸	1
End Tidal CO ₂ Detector or Aspirator (Adult)	1	Saline locks	4

SUPPLIES (minimum required amounts)			
Scissors	1	Syringes 1mL – 60mL w/ luer adapter	assorted
Sphygmomanometer Adult, Pediatric, & Thigh	1 each	Tape (various types, must include cloth)	1
Splints – (long and short)	2 each	Tourniquets	2
Splints – traction ⁹ Adult & Pediatric	1 each	Tourniquets (commercial for bleeding control)	2
Stethoscope	1	Transcutaneous pacing	1
Suction unit (portable) w/ adapter	1	Tube introducer	2
Suction instruments: Catheters sizes 8Fr.-12Fr.	1 each	Vaseline gauze	2
Tonsillar tip	1	Waveform capnography ¹⁰	1

SUPPLIES (approved optional equipment)	
Dextrose 25%	Resuscitator w/ positive pressure demand valve (flow rate not to exceed 40L/min)
Hemostatic dressings ²	

¹ Fentanyl carried on ALS Unit is not to exceed 1500mcgs.

² Requires EMS Agency approval, which includes an approved training program & QI method prior to implementation

³ Utilized w/ infusions through IO access

⁴ Midazolam carried on ALS Unit is not to exceed 40mgs.

⁵ Morphine sulfate carried on ALS Unit is not to exceed 60mgs.

⁶ Optional, if not utilizing glass ampules

⁷ OB kits w/ clamps / scissors (no scalpels)

⁸ Los Angeles County Department of Communications, Spec. No. 2029/2031/2033

⁹ One Sager splint may be used for both adult & pediatric

¹⁰ Only for providers that respond to medical emergencies via the 9-1-1 system

This policy is intended as an ALS Unit inventory only. Supply and resupply shall be in accordance with Ref. No. 701, Supply and Resupply of Designated EMS Provider Units/Vehicles.

CROSS REFERENCES:

Prehospital Care Manual:

Ref. No. 701, **Supply and Resupply of Designated EMS Provider Units/Vehicles**

Ref. No. 702, **Controlled Drugs Carried on ALS Units**

Ref. No. 710, **Basic Life Support Ambulance Equipment**